



PTO/SB/08b (08-03)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/726,571
		Filing Date	December 4, 2003
		First Named Inventor	Hasan KHATIB
		Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	011335.52842US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DC		Chowanadisai, W. and Lonnerdal, B. (2002). α_1 -Antitrypsin and antichymotrypsin in human milk: origin, concentrations, and stability. Am J Clin Nutr. 76:828-833.	
DC		Heyen, D. W., Weller, J.I., Ron, M., Band, M. and Beever J.E. et al. (1999). A genome scan for QTL influencing milk production and health traits in dairy cattle. Physiol. Genomics 1:165-175.	
DC		Kappes, S.M., Bennett, G.L., Keele, J.W., Echternkamp, S.E., Gregory, K.E. and Thallman, R.M. (2000). Initial results of genomic scans for ovulation rate in a cattle population selected for increased twinning rate. J Anim Sci. 78:3053-3059.	
DC		Lagziel, A., Lipkin, E. and Soller, M. (1996). Association between SCCP haplotypes at the bovine growth hormone gene and milk protein percentage. Genetics 142:945-951.	
DC		Mosig, M.O., Lipkin, E., Khutoreskaya, G., Tchourzyna, E., Soller, M. and Friedmann A. (2001). A whole genome scan for quantitative trait loci affecting milk protein percentage in Israeli-Holstein cattle, by means of selective milk DNA pooling in a daughter design, using an adjusted false discovery rate criterion. Genetics. 157:1683-98.	
DC		Rodriguez-Zas, S.L., Southey, B.R., Heyen, D.W. and Lewin HA (2002). Interval and composite interval mapping of somatic cell score, yield, and components of milk in dairy cattle. J Dairy Sci. 85:3081-3091.	
DC		Schutz, M. (1994) Genetic evaluation of somatic cell scores for United States dairy cattle. J. D. Sci. 77:2113-2129.	
DC		Soller, M. (1990) Genetic mapping of the bovine genome using DNA-level markers with particular attention to loci affecting quantitative traits of economic importance. J. Dairy Sci. 73:2628-2646.	
DC		Soller, M. (1994) Marker-assisted selection, an overview. Anim. Biotech.	
		VanRaden, P.M., and Wiggans, G.R. (1991). Derivation, calculation, and the use of National Model Information. J. Dairy Sci. 74:2737-2746	
		Weller, J., Kashi, Y. and Soller, M. (1990). Daughter and granddaughter design for mapping of quantitative trait loci in dairy cattle. J. Dairy Sci. 73:2525-2537.	
Examiner Signature	/Dan-sung Cho/		Date Considered 10/11/2006

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10/726.571

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First Named Inventor

Hasan KHATIB

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DC		Blank, C. A., and M. Brantly. 1994. Clinical features and molecular characteristics of α1-antitrypsin deficiency. Ann Allergy 72: 105-120.	
DC		Bovenhuis, H., and C. Schroooten. 2002. Quantitative trait loci for milk production traits in dairy cattle. Proc. 7th World Congr. Genet. Appl. Livest. Prod., Montpellier, France.	
DC		Grisart, B., W. Coppieters, F. Famir, L. Karim, C. Ford, N. Cambisano, M. Mni, S. Reid, R. Spelman, M. George, and R. Snell. 2002. Positional candidate cloning of a QTL in dairy cattle: identification of a missense mutation in the bovine DGAT1 gene with major effect on milk yield and composition. Genome Res. 12:222-231.	
DC		Lien S., L. Gomez-Raya, T. Steine, E. Firmland, and S. Roger. 1995. Associations between Casein Haplotypes and milk yield traits. J. Dairy Science 78: 2047-2056.	
DC		Shook, G. 1989. Selection for disease resistance. J. Dairy Sci. 72: 1349-1362.	
DC		VanRaden, P. M., and G. R. Wiggans. 1995. Productive life evaluations: calculation, accuracy, and economic value. J. Dairy Sc. 78:631-638.	
DC		Weller, J., Y. Kashi, and M. Soller. 1990. Daughter and granddaughter design for mapping of quantitative trait loci in dairy cattle. J. Dairy Sci. 73: 2525-2537.	
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/726,571
				Filing Date	04 December 2003
				First Named Inventor	Hasan Khatib
				Art Unit	1641
				Examiner Name	Cho Dan Sung C
Sheet	1	of	1	Attorney Docket Number	2901803.3

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DC	CA	Database Gembank on NCBI, US National Library of Medicine, (Bethesda, MD, USA), No. X63129 GI:41 SINHA et al. 'B. Taurus mRNA for alpha-1- antitrypsin' 30 April 1992, especially bases 164, 269,284,407 and 989		
DC	CB	SINHA et al. Complete cDNA sequence of bovine alpha-antitrypsin. Biochim. Biophys. Acta 1130, 209-212 (1992). Abstract		
DC	CC	GIBSON, J.P. et al. Strategies for utilizing molecular marker data for livestock genetic improvement in the developing world. Electronic Forum on Biotechnology in Food and Agriculture. 14-18 October 2003.		

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